Table K2. - Soil Features

Orange County, Virginia

Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
Ab:									
Albano	Bedrock (lithic)	40-60	---	Indurated	---	---	High	High	Moderate
AlA:									
Altavista	---	---	---	---	---	---	---	Moderate	Moderate
AlB:									
Altavista	---	---	---	---	---	---	---	Moderate	Moderate
AlC2:									
Altavista	---	---	---	---	---	---	---	Moderate	Moderate
ApB:									
Appling	---	---	---	---	---	---	---	Moderate	Moderate
ApB2:									
Appling	---	---	---	---	---	---	---	Moderate	Moderate
ApC2:									
Appling	---	---	---	---	---	---	---	Moderate	Moderate
AuA:									
Augusta	---	---	---	---	---	---	---	High	Moderate

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
AuA:									
Roanoke	---	---	---	---	---	---	---	---	---
AuB:									
Augusta	---	---	---	---	---	---	---	High	Moderate
Be:									
Bermudian	---	---	---	---	---	---	Moderate	Low	Moderate
Rowland	---	---	---	---	---	---	---	---	---
Bo:									
Bowmansville	---	---	---	---	---	---	High	High	Moderate
BrC:									
Bremo	Bedrock (lithic)	20-40	---	Indurated	---	---	---	Low	Moderate
BrD:									
Bremo	Bedrock (lithic)	20-40	---	---	---	---	---	Low	Moderate
BsB2:									
Bucks	Bedrock (paralithic)	36-40	---	Moderately cemented	---	---	Moderate	Low	Moderate
BsC2:									
Bucks	Bedrock (paralithic)	36-40	---	Moderately cemented	---	---	Moderate	Low	Moderate

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
BtB2:									
Bucks	Bedrock (paralithic)	36-40	---	Moderately cemented	---	---	Moderate	Low	Moderate
BtC2:									
Bucks	Bedrock (paralithic)	36-40	---	Moderately cemented	---	---	Moderate	Low	Moderate
BuC3:									
Bucks	Bedrock (paralithic)	36-40	---	Moderately cemented	---	---	Moderate	Low	Moderate
Bw:									
Buncombe	---	---	---	---	---	---	---	Low	Moderate
CaB:									
Calverton	Fragipan	10-30	---	Weakly cemented	---	---	High	Moderate	High
	Bedrock (paralithic)	40-60	---	Very strongly cemented					
Albano	---	---	---	---	---	---	---	---	---
CbB:									
Calverton	Fragipan	10-30	---	Weakly cemented	---	---	High	Moderate	High
	Bedrock (paralithic)	40-60	---	Very strongly cemented					

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
CbB:									
Creedmoor	Bedrock (paralithic)	51-60	---	Moderately cemented	---	---	---	High	High
Albano	---	---	---	---	---	---	---	---	---
CcC:									
Catoctin	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	High	Moderate
CcD:									
Catoctin	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	High	Moderate
CdD:									
Catoctin	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	High	Moderate
CdE:									
Catoctin	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	High	Moderate
CeB2:									
Cecil	---	---	---	---	---	---	---	High	High
CeC2:									
Cecil	---	---	---	---	---	---	---	High	High
CmB2:									
Cecil	---	---	---	---	---	---	---	High	High

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
CmC2:									
Cecil	---	---	---	---	---	---	---	High	High
CsC3:									
Cecil	---	---	---	---	---	---	---	High	High
Cw:									
Chewacla	---	---	---	---	---	---	---	High	Moderate
Wehadkee	---	---	---	---	---	---	---	High	Moderate
CxB:									
Colfax	Fragipan	16-36	---	Weakly cemented	---	---	---	High	High
Worsham	---	---	---	---	---	---	---	---	---
Cy:									
Comus	---	---	---	---	---	---	Moderate	Low	High
Cz:									
Comus	---	---	---	---	---	---	Moderate	Low	High
DaB2:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DaC2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
DaC2:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DaD2:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DcC:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DcD:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DcE:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DdB3:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DdC3:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DdD3:									
Davidson	---	---	---	---	---	---	---	High	Moderate
DkB2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
DkB2:									
Dyke	---	---	---	---	---	---	Moderate	High	Moderate
DkC2:									
Dyke	---	---	---	---	---	---	Moderate	High	Moderate
Eb:									
Elbert	Bedrock (paralithic)	40-60	---	Moderately cemented	---	---	---	High	High
Ee:									
Elbert	Bedrock (paralithic)	40-60	---	Moderately cemented	---	---	---	High	High
ElB2:									
Elioak	---	---	---	---	---	---	Moderate	High	Moderate
ElC2:									
Elioak	---	---	---	---	---	---	Moderate	High	Moderate
EmB3:									
Elioak	---	---	---	---	---	---	Moderate	High	Moderate
EmC3:									
Elioak	---	---	---	---	---	---	Moderate	High	Moderate
EsB:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
EsB:									
Elsinboro	---	---	---	---	---	---	Moderate	Moderate	High
EsB2:									
Elsinboro	---	---	---	---	---	---	Moderate	Moderate	High
EsC2:									
Elsinboro	---	---	---	---	---	---	Moderate	Moderate	High
FaB2:									
Fauquier	Bedrock (paralithic)	36-40	---	Moderately cemented	---	---	Moderate	High	High
FaC2:									
Fauquier	Bedrock (paralithic)	36-40	---	Moderately cemented	---	---	Moderate	High	High
FcC3:									
Fauquier	Bedrock (paralithic)	36-40	---	Moderately cemented	---	---	Moderate	High	High
FlB:									
Fluvanna	---	---	---	---	---	---	---	High	High
FlB2:									
Fluvanna	---	---	---	---	---	---	---	High	High
FlC2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
FlC2:									
Fluvanna	---	---	---	---	---	---	---	High	High
GlB2:									
Glenelg	---	---	---	---	---	---	Moderate	Low	High
GlC2:									
Glenelg	---	---	---	---	---	---	Moderate	Low	High
GrB2:									
Grover	---	---	---	---	---	---	---	Moderate	Moderate
GrC2:									
Grover	---	---	---	---	---	---	---	Moderate	Moderate
GsC3:									
Grover	---	---	---	---	---	---	---	Moderate	Moderate
HaC:									
Hazel	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	Low	High
HaD:									
Hazel	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	Low	High
HeB:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
HeB:									
Helena	---	---	---	---	---	---	---	High	High
HeC2:									
Helena	---	---	---	---	---	---	---	High	High
HsB:									
Hiwassee	---	---	---	---	---	---	---	Moderate	Moderate
HsB2:									
Hiwassee	---	---	---	---	---	---	---	Moderate	Moderate
HsC2:									
Hiwassee	---	---	---	---	---	---	---	Moderate	Moderate
HwC3:									
Hiwassee	---	---	---	---	---	---	---	Moderate	Moderate
KlD:									
Klinesville	Bedrock (lithic)	10-20	---	Indurated	---	---	Moderate	Moderate	High
KlE:									
Klinesville	Bedrock (lithic)	10-20	---	Indurated	---	---	Moderate	Moderate	High
LgB:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
LgB:									
Lignum	Bedrock (paralithic)	40-60	---	Strongly cemented	---	---	---	High	High
	Bedrock (lithic)	60-91	---	Indurated					
Worsham	---	---	---	---	---	---	---	---	---
LIB2:									
Lloyd	---	---	---	---	---	---	---	High	Moderate
LIC2:									
Lloyd	---	---	---	---	---	---	---	High	Moderate
LmB3:									
Lloyd	---	---	---	---	---	---	---	High	Moderate
LmC3:									
Lloyd	---	---	---	---	---	---	---	High	Moderate
LmD3:									
Lloyd	---	---	---	---	---	---	---	High	Moderate
LoC:									
Louisburg	Bedrock (lithic)	20-40	---	Indurated	---	---	---	Low	Moderate
LoC2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
LoC2:									
Louisburg	Bedrock (lithic)	20-40	---	Indurated	---	---	---	Low	Moderate
LoD:									
Louisburg	Bedrock (lithic)	20-40	---	Indurated	---	---	---	Low	Moderate
LoD2:									
Louisburg	Bedrock (lithic)	20-40	---	Indurated	---	---	---	Low	Moderate
MaB2:									
Madison	---	---	---	---	---	---	---	High	Moderate
MaC2:									
Madison	---	---	---	---	---	---	---	High	Moderate
MdC3:									
Madison	---	---	---	---	---	---	---	High	Moderate
MnB:									
Manassas	---	---	---	---	---	---	Moderate	High	High
MoD:									
Manor	---	---	---	---	---	---	Moderate	Low	Moderate
MrB:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
MrB:									
Manteo	Bedrock (lithic)	10-20	---	Indurated	---	---	---	Low	High
MrC:									
Manteo	Bedrock (lithic)	10-20	---	Indurated	---	---	---	Low	High
MrD:									
Manteo	Bedrock (lithic)	10-20	---	Indurated	---	---	---	Low	High
MrE:									
Manteo	Bedrock (lithic)	10-20	---	Indurated	---	---	---	Low	High
MsB:									
Masada	---	---	---	---	---	---	---	High	High
MsB2:									
Masada	---	---	---	---	---	---	---	High	High
MsC2:									
Masada	---	---	---	---	---	---	---	High	High
MtC3:									
Masada	---	---	---	---	---	---	---	High	High
MuB:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
MuB:									
Mayodan	---	---	---	---	---	---	---	High	Moderate
MuB2:									
Mayodan	---	---	---	---	---	---	---	High	Moderate
MuC2:									
Mayodan	---	---	---	---	---	---	---	High	Moderate
MvB2:									
Mecklenburg	---	---	---	---	---	---	---	High	Moderate
MvC2:									
Mecklenburg	---	---	---	---	---	---	---	High	Moderate
Mx:									
Mixed alluvial land	---	---	---	---	---	---	---	---	---
Wehadkee	---	---	---	---	---	---	---	---	---
Worsham	---	---	---	---	---	---	---	---	---
MyB2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
MyB2:									
Myersville	Bedrock (paralithic)	20-40	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	40-79	---	Indurated					
MyC2:									
Myersville	Bedrock (paralithic)	20-60	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	40-79	---	Indurated					
NaB2:									
Nason	Bedrock (paralithic)	40-60	---	Weakly cemented	---	---	---	Moderate	High
NaC2:									
Nason	Bedrock (paralithic)	40-60	---	Weakly cemented	---	---	---	Moderate	High
NsB:									
Nason	Bedrock (paralithic)	40-60	---	Weakly cemented	---	---	---	Moderate	High
NsB2:									
Nason	Bedrock (paralithic)	40-60	---	Weakly cemented	---	---	---	Moderate	High
NsC:									
Nason	Bedrock (paralithic)	40-60	---	Weakly cemented	---	---	---	Moderate	High
NsC2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
NsC2:									
Nason	Bedrock (paralithic)	40-60	---	Weakly cemented	---	---	---	Moderate	High
NsD2:									
Nason	Bedrock (paralithic)	40-60	---	Weakly cemented	---	---	---	Moderate	High
NtC3:									
Nason	Bedrock (paralithic)	40-60	---	Weakly cemented	---	---	---	Moderate	High
OgA:									
Orange variant	Bedrock (paralithic)	30-50	---	Moderately cemented	---	---	---	High	Moderate
	Bedrock (lithic)	50-60	---	Indurated					
Elbert	---	---	---	---	---	---	---	---	---
OgB:									
Orange variant	Bedrock (paralithic)	30-50	---	Moderately cemented	---	---	---	High	Moderate
	Bedrock (lithic)	50-60	---	Indurated					
OgB2:									
Orange variant	Bedrock (paralithic)	30-50	---	Moderately cemented	---	---	---	High	Moderate
	Bedrock (lithic)	50-60	---	Indurated					
OgC2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
OgC2:									
Orange variant	Bedrock (paralithic)	30-50	---	Moderately cemented	---	---	---	High	Moderate
	Bedrock (lithic)	50-60	---	Indurated					
OrA:									
Orange	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	Moderate
	Bedrock (paralithic)	40-55	---	Moderately cemented					
Iredell	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	Low
Elbert	---	---	---	---	---	---	---	---	---
OrB:									
Orange	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	Moderate
	Bedrock (paralithic)	40-55	---	Moderately cemented					
Iredell	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	Low
OrB2:									
Orange	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	Moderate
	Bedrock (paralithic)	40-55	---	Moderately cemented					

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
OrB2:									
Iredell	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	Low
PeB:									
Penn	Bedrock (paralithic)	20-40	---	Weakly cemented*	---	---	Moderate	Low	Moderate
PeC:									
Penn	Bedrock (paralithic)	20-40	---	Weakly cemented*	---	---	Moderate	Low	Moderate
PkC:									
Pinkston	Bedrock (lithic)	20-40	---	Indurated	---	---	---	Low	High
PkD:									
Pinkston	Bedrock (lithic)	20-40	---	Indurated	---	---	---	Low	High
RaB2:									
Rabun	Bedrock (paralithic)	31-39	---	Moderately cemented	---	---	---	High	Moderate
RaC2:									
Rabun	Bedrock (paralithic)	31-39	---	Moderately cemented	---	---	---	High	Moderate
RaD2:									
Rabun	Bedrock (paralithic)	31-39	---	Moderately cemented	---	---	---	High	Moderate
RaE2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
RaE2:									
Rabun	Bedrock (paralithic)	31-39	---	Moderately cemented	---	---	---	High	Moderate
RcD3:									
Rabun	Bedrock (paralithic)	31-39	---	Moderately cemented	---	---	---	High	Moderate
RdB2:									
Rapidan	---	---	---	---	---	---	Moderate	Moderate	Moderate
RdC2:									
Rapidan	---	---	---	---	---	---	Moderate	Moderate	Moderate
ReC3:									
Rapidan	---	---	---	---	---	---	Moderate	Moderate	Moderate
Rk:									
Roanoke	---	---	---	---	---	---	---	High	High
RnC:									
Rock land	Bedrock (lithic)	0	---	---	---	---	---	---	---
RnD:									
Rock land	Bedrock (lithic)	0	---	---	---	---	---	---	---
RoC:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
RoC:									
Rock land	Bedrock (lithic)	0	---	---	---	---	---	---	---
RoE:									
Rock land	Bedrock (lithic)	0	---	---	---	---	---	---	---
Rw:									
Rowland	---	---	---	---	---	---	High	High	Moderate
Bowmansville	---	---	---	---	---	---	---	---	---
SeB:									
Seneca	---	---	---	---	---	---	---	Moderate	High
SrC:									
Starr	---	---	---	---	---	---	---	Moderate	Moderate
StA:									
State	---	---	---	---	---	---	---	Moderate	High
TaB2:									
Tatum	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	High
	Bedrock (paralithic)	40-60	---	Strongly cemented*					
TaC2:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
TaC2:									
Tatum	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	High
	Bedrock (paralithic)	40-60	---	Strongly cemented*					
TsB:									
Tatum	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	High
	Bedrock (paralithic)	40-60	---	Strongly cemented*					
TsB2:									
Tatum	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	High
	Bedrock (paralithic)	40-60	---	Strongly cemented*					
TsC:									
Tatum	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	High
	Bedrock (paralithic)	40-60	---	Strongly cemented*					
TsC2:									
Tatum	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	High
	Bedrock (paralithic)	40-60	---	Strongly cemented*					
TtB3:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
TtB3:									
Tatum	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	High
	Bedrock (paralithic)	40-60	---	Strongly cemented*					
TtC3:									
Tatum	Bedrock (lithic)	40-60	---	Indurated	---	---	---	High	High
	Bedrock (paralithic)	40-60	---	Strongly cemented*					
TuB:									
Turbeville	---	---	---	---	---	---	---	High	High
TuB2:									
Turbeville	---	---	---	---	---	---	---	High	High
TuC2:									
Turbeville	---	---	---	---	---	---	---	High	High
VaB:									
Vance	---	---	---	---	---	---	---	High	High
VaB2:									
Vance	---	---	---	---	---	---	---	High	High
W:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
W:									
Water	---	---	---	---	---	---	---	---	---
WaB2:									
Wadesboro	Bedrock (paralithic)	40-60	---	Moderately cemented	---	---	---	High	Moderate
WaC2:									
Wadesboro	Bedrock (paralithic)	40-60	---	Moderately cemented	---	---	---	High	Moderate
WaD2:									
Wadesboro	Bedrock (paralithic)	40-60	---	Moderately cemented	---	---	---	High	Moderate
WbB:									
Watt	Bedrock (lithic)	20-40	---	Indurated	---	---	---	High	High
WbC:									
Watt	Bedrock (lithic)	20-40	---	Indurated	---	---	---	High	High
WbD:									
Watt	Bedrock (lithic)	20-40	---	Indurated	---	---	---	High	High
We:									
Wehadkee	---	---	---	---	---	---	---	High	Moderate
WkC:									

Table K2. - Soil Features - Continued

Orange County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
WkC:									
Wilkes	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	---	Moderate	Moderate
	Bedrock (lithic)	20-40	---	Indurated					
WkD:									
Wilkes	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	---	Moderate	Moderate
	Bedrock (lithic)	20-40	---	Indurated					
WoB:									
Worsham	---	---	---	---	---	---	---	High	Moderate
X:									
Quarries	---	---	---	---	---	---	---	---	---
YoB:									
York	Fragipan	18-36	---	Weakly cemented	---	---	---	High	High
	Bedrock (lithic)	60-89	---	Indurated					
ZoB:									
Zion	Bedrock (lithic)	20-40	---	Indurated	---	---	---	High	Moderate
ZoC2:									
Zion	Bedrock (lithic)	20-40	---	Indurated	---	---	---	High	Moderate